Squeezebox™ Boom

All-in-one network music player

User Guide

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Thank You!

Thank you for purchasing Logitech's Squeezebox Boom network music system. We hope you have as much fun using it as we had building it for you.

Squeezebox Boom combines the features and technology that our customers love in an all-in-one device. The built-in amplifier and high-quality speakers allow you to place Squeezebox Boom anywhere within range of your local network, without having to deal with separate speakers. This makes it ideal for rooms in which space is tight, or environments where a bulky speaker system isn't welcome.

This user guide includes setup and basic instructions for using your Squeezebox Boom. You can find additional information about the latest features, as well as join our active community forums and access detailed documentation for developers on our web site at www.slimdevices.com.

Getting Help

If you run into trouble during the installation, you have a variety of options for obtaining expert assistance:

1. You should first refer to the Troubleshooting section in this User Guide. The most common issues are covered there.
2. An extensive list of frequently asked questions can be found at *www.logitech.com*, under **Support | Troubleshooting.** Select Wireless Music Systems from the list of product categories.
3. Phone support is available Monday through Friday, from 9:00 AM to 7:00 PM Pacific, at the following numbers:
   - +1 (877) 887-8889 (Toll-free in North America)
   - +1 (646) 454-3237 (For all other countries)
4. E-mail our support team. Visit *www.logitech.com/support* and fill out our online e-mail form. You will receive a reply within one business day.

Package Contents

Included in the package you will find:

- Squeezebox Boom
- Infrared remote control with battery
- Protective bag

- Power supply with plug adapters for your region
- 3.5mm male to male audio cable
- Quick Start Guide

System Requirements

Operating system

- Windows® Vista®, Windows XP, or Windows 2000 (SP4 or later required)
- Mac® OS X, version 10.3 or higher
- Linux-based OS with Perl 5.8.3 or higher installed

Computer

- 733 Mhz CPU or faster
- 256 MB RAM
- 80 MB hard drive space

Network

- Ethernet and/or 802.11b/g compatible wireless network. Routers which support 802.11 Draft N are also compatible, as long as they are backward compatible with 802.11g.

Internet

- You'll need a broadband Internet connection for internet radio and access to music services. Internet access is also needed to download the SqueezeCenter™ software.

Boom Hardware at a Glance

Remote Control

A. POWER turns the Squeezebox Boom on or off.

B. HOME returns the display to the Home Screen (the top level menu). Pressing HOME again from the Home Screen displays the Now Playing screen.

C. LEFT, RIGHT, UP and DOWN allow you to navigate through track lists, music services, configuration menus, and more. UP and DOWN scroll through the menu, RIGHT selects the item, and LEFT returns to the previous menu.

D. Press PLAY to begin listening to the selected track, artist, album, genre, or playlist. This action causes the current playlist to be replaced with the selected item. If you want to add the selected item to your playlist, press ADD instead of PLAY.

E. Press ADD to add the selected track, artist, album, genre or playlist to the end of the current playlist (called Now Playing). Press and hold ADD to add the selected item to Now Playing and play it next.

F. REWIND, PAUSE, and FORWARD control the playback of your music. Press FORWARD to skip to the next song, and REWIND to skip back. Press PAUSE to pause or resume the music. Press and hold REWIND or FORWARD to scan through the song that's currently playing. Press and hold PAUSE to stop the current track.

G. VOLUME UP and VOLUME DOWN

H. SLEEP has two purposes. During normal use, it activates the sleep timer to turn the power off after a period of time you specify, between 15 and 90 minutes. SLEEP also acts as a snooze button, pausing the alarm for a preselected amount of time after it has been activated. The default is nine minutes. See **Tips And Tricks For Using The Controls** to learn how to adjust the default delay.

Front Panel Controls

A. POWER turns the Squeezebox Boom on or off.

B. The navigation wheel allows you to quickly scroll through menus, track lists, music services, and more. Turn the wheel to scroll, and then press the wheel to select an option. When the Now Playing screensaver is active, the wheel also serves as a volume control.

C. Press PLAY to begin listening to the selected track, artist, album, genre, or playlist. If you're browsing your music collection or a music service, your Now Playing list is replaced with the selected item. If you want to add the selected item to Now Playing, press ADD instead of PLAY.

D. Press BACK to return to the previous menu. It's the equivalent of LEFT on the remote control.

E. REWIND, PAUSE, and FORWARD control the playback of your music. Press FORWARD to skip to the next song, and REWIND to skip back. Press PAUSE to pause or resume the music. Press and hold REWIND or FORWARD to scan through the song that's currently playing. Press and hold PAUSE to stop the current track.

F. VOLUME UP and VOLUME DOWN. After you press VOLUME UP or VOLUME DOWN you can also use the navigation wheel to adjust the volume.

G. PRESET BUTTONS allow you quick access to your favorite tracks, Internet radio stations, playlists, or albums. Tap one of the preset buttons to select a favorite, or press and hold to assign the button to the currently selected item.

H. SLEEP, on the top panel, has three purposes. During normal use, tapping it quickly displays the current time. Holding it down for a few seconds activates the sleep timer to turn the power off after a period of time you specify, between 15 and 90 minutes. SLEEP also acts as a snooze button, pausing the alarm for a preselected amount of time after it has been activated.

Tips and Tricks For Using the Controls

- The remote control uses infrared light to communicate with Squeezebox Boom. The infrared sensor is on Boom's front panel, so for best results, use the remote while you are in front of Boom and within line of sight. If you would like information on the multi-room Squeezebox Controller, see **Using Boom as part of a whole-house system** later in this guide.
- Squeezebox Boom does not have a dedicated "stop" button. This is because it works much like an MP3 or CD player, allowing you to pause your music and return to it at any time. Tapping PAUSE pauses the track; if you want to stop playing the track, press and hold PAUSE.
- Selecting a track, artist, album, genre or another playlist from your music collection or from an online music service and pressing PLAY will clear the current playlist (called Now Playing) from memory and create a new playlist from the item you've selected. If you would like to add the selected item to the end of Now Playing, press ADD instead. If you press and hold ADD, the selected item will be be inserted into Now Playing so that it plays next.
- The Snooze button has a default waiting period of nine minutes. See **Squeezebox Boom's Alarm**, later in this guide, for instructions for changing the delay time.

Back Panel Connectors

A. **Line in.** Ideal for connecting an MP3 player, portable CD player, or other audio device with a 3.5mm line level output and enjoying Squeezebox Boom's advance driver design and acoustics. It's not necessary to select Line In as a source from the front panel; Squeezebox Boom will automatically detect the connection of your device.

B. **Headphone or subwoofer out.** Connect headphones for private listening, or a powered subwoofer to add bass reinforcement. Since this is a dual-purpose connector, you must select **Settings > Audio > Line Out** from the Home Screen to select headphone or subwoofer output. If you are using headphones and the audio comes from only one channel, check to make sure that the subwoofer setting is not selected.

C. **Ethernet.** If you prefer to use an ethernet connection rather than Squeezebox Boom's built-in wireless, you can use your own ethernet cable to connect Squeezebox Boom to your network.

D. **Power.** Be sure to use only the power supply provided with Squeezebox Boom.

Installing Squeezebox Boom

A Word About the Operating Environment

Squeezebox Boom is intended primarily for indoor use. It can be used outdoors temporarily when adequate protection is provided against moisture and extreme temperatures. When using outdoors, be sure to keep it out of direct sunlight, as it may cause interference with the infrared sensor. For more information, see **Safety Information** later in this guide.

Setup at a Glance

Setting up your Squeezebox Boom for the first time consists of four steps:

1. Making a note of your wireless settings. If you're connecting your Squeezebox Boom to your network using an Ethernet cable, you can skip this step.
2. Creating a SqueezeNetwork account and, optionally, downloading the SqueezeCenter software
3. Setting up your Squeezebox Boom and connecting it to your network
4. Selecting a music source and listening to some music to confirm that setup was successful.

Make a Note of Your Network Settings

If you can connect a computer to your wireless network, you should have little trouble setting up your Squeezebox Boom. Gathering information about your network now will make it easier to configure your Squeezebox Boom.

Network name (SSID): _____

Wireless security (circle one): WEP 64-bit WEP 128-bit WPA WPA2

Security Key: _____

If you're not familiar with your wireless network's security method or your security key, this information can be obtained by connecting to your wireless

router. See your router's instructions if necessary, or contact your network provider or the party who installed your wireless router.

Your wireless network's name can be determined by using a computer on your network that's already connected to your wireless network.

For Windows XP and Vista

Double click on the wireless networking icon in the system tray.

For Mac OS X

Click on the wireless networking icon on the menu bar and make note of which network has a check mark next to it.

Note to Apple Airport Base Station users: Squeezebox Boom follows the 802.11 standard and expects the WEP key to be in hexadecimal format. The Airport Base Station uses ASCII characters for the WEP key. You'll need to find the hexadecimal version of your WEP key to configure your Squeezebox Duet. To do that, please follow these steps:

Open the Airport Admin Utility. On Mac OS X this utility can be found under **Applications** > **Utilities** *in the Finder. In Windows, it can be found in* **Start** > **Programs** > **Airport Admin Utility**.

Select your base station and click the **Configure** *button.*

Once the Configuration window is open, click the **Password** *icon at the top of the window (the icon resembling a padlock). This will show you the key in HEX format. Write that down as the Security Key on the previous page.*

Note: 64-bit WEP keys on the Airport Base Station will have exactly five characters in ASCII form, and eight characters in hexadecimal form. 128-bit keys will have exactly 13 characters in ASCII form, and 16 characters in hexadecimal form.

Create an Online Account and Download Software

An Important Word About Music Sources

Squeezebox Boom must be connected to a music source in order to function. There are two music sources available: SqueezeNetwork™ and SqueezeCenter™.

SqueezeNetwork

SqueezeNetwork is a free, Internet-based service provided by Logitech. It allows you to connect to a wide variety of services, including Internet radio guides and online music services, like Rhapsody®, Sirius Internet Radio, and Pandora® Radio. You can even store your own music collection in an online MP3tunes music locker so you can listen to your music when your computer is turned off.

Please note that some music services may charge a separate fee for use; we provide free trials so you may try them first.

SqueezeCenter (Optional)

SqueezeCenter is an application you run on a computer connected to your local network to deliver your personal music collection to the Squeezebox players in your home. You can also connect to Internet radio guides and online music services via SqueezeCenter.

If you are not interested in listening to your personal music collection, or if you are planning to upload your music to an MP3tunes music locker, you do not need SqueezeCenter.

Set Up a SqueezeNetwork Account

Signing up for a free account on SqueezeNetwork is a vital part of the Squeezebox Boom setup process. To sign up, visit *www.squeezenetwork.com* and use the sign-up wizard.

If you already have an account, instructions for adding your new Squeezebox Boom to your account can be found later in this guide.

Optional: Download and Install SqueezeCenter

After you complete the SqueezeNetwork sign-up process, you are asked to download SqueezeCenter. SqueezeCenter is only required if you intend to listen to your personal music collection stored on a computer on your local network. If you will only be listening to Internet radio stations or online music services, you may skip this step.

We offer versions of SqueezeCenter for Windows®, Mac® OS X, and Linux. After selecting the appropriate version, save it to your hard drive and then double-click on the downloaded file. When you are finished, SqueezeCenter is ready to deliver music to your Squeezebox Boom.

Set Up Squeezebox Boom and Connect it to Your Network

1. Select a suitable location for your Squeezebox Boom. It should be in a location that is protected from moisture, extreme temperatures, and away from direct sunlight. If you'll be connecting to your wireless network, you should choose a location that is in range of the nearest router or access point, and if you intend to connect via ethernet, it should be near an ethernet connection.
2. To prepare the infrared remote control for operation, open the battery compartment, peel the protective tab from the battery, and then close the compartment.
3. Optional: if you're connecting to your network using an ethernet cable, connect the cable now.
4. The power supply uses a plug adapter system for worldwide compatibility. Slide the plug adapter into the power supply and make sure it snaps into place. Plug the barrel connector into the AC input on Squeezebox Boom's rear panel.
5. Plug the power supply into an electrical outlet. Squeezebox Boom will automatically power on, display a welcome message, and then display the setup menu.

TIP: as covered earlier in this guide, the UP *and* DOWN *buttons on the remote perform the same function as turning the navigation wheel left or right. Pressing* RIGHT *on the remote performs the same function as*

pressing the wheel. For the rest of this section, we'll refer to using the various buttons on the remote, but you can use the navigation wheel, as well.

6. You'll see a menu giving you the choice of connecting via a wired or wireless network. Use the UP and DOWN buttons to make your selection, and press RIGHT.
7. If you're connecting to your wireless network, you will see a menu for selecting your region, and then a menu for choosing your wireless network by name. If you are using a security-enabled wireless network, you'll need to enter the security key you wrote down previously in **Make A Note Of Your Network Settings**. To enter each character, use the UP and DOWN buttons to make your selection, and press RIGHT to move to the next character. When you've finished entering the complete security key, press RIGHT again. When Squeezebox Boom informs you that it has connected to your wireless network, press RIGHT to continue.
8. If the display informs you that Squeezebox Boom was unable to connect to your network, press LEFT on the remote (or the BACK button on the front panel) to return to the network setup menu. Confirm that you've entered your security key correctly and that you're connecting to the correct network. If it still can't connect, see the troubleshooting appendix for advice.
9. The next menu will ask you if you would like to obtain an IP address automatically via DHCP, or if you'd like to manually assign an IP address to your Squeezebox Boom. The majority of home networks use DHCP, so if you're in doubt, select the automatic option. When it confirms that it has obtained an IP address, press RIGHT to advance to the next menu.

Select a Music Source

Once your Squeezebox Boom has successfully connected to your network, you will see a menu asking you to select your music source.

Select SqueezeNetwork, the free, Internet-based service operated by Logitech. When you connect to SqueezeNetwork, your Squeezebox Boom displays a unique code that you can use to link your Boom to your SqueezeNetwork account. Go to *www.squeezenetwork.com*, select **Players**, and then enter the code in the **Add A Player** section of the page.

Play Some Music

You're almost done! Playing an Internet radio station is a good way to check that everything is working correctly.

1. Go to the Home Screen by pressing HOME on the remote control.
2. Press DOWN on the remote control (or spin the navigation wheel to the right) until **Internet Radio** appears, and then press RIGHT on the remote (or press the wheel).
3. Select **Staff Picks**.
4. Select **Best of Internet Radio**.
5. Scroll to **Slim Showcase: Miles Davis** and press PLAY.
6. Adjust the volume.
7. If you would like to add this station to your presets, press and hold one of the preset buttons.

TIP: Although there are six Preset buttons for quickly finding six of your favorite tracks, albums, or Internet radio stations, there is no limit to the number of favorites you can save. Assigning an item to one of the Preset buttons automatically adds it to your Favorites, as well. To add an item to your favorites without assigning it to a Preset button, click the wheel or press RIGHT *on the remote, and then select* **Add to favorites**.

Optional: Connect To SqueezeCenter

If you'd like to listen to your personal music collection stored on your computer and you've successfully downloaded and installed SqueezeCenter, take these steps to connect to SqueezeCenter for the first time:

1. Press and hold BACK on the front panel (or LEFT on the remote control) to go to the setup screen.
2. Scroll until you see an option to connect to your computer (for example, **Connect to john-smiths-computer**)
3. Press the navigation wheel (or press RIGHT on the remote control) to connect to your computer.

If your computer's name does not appear on this menu, or if Squeezebox Boom is unable to connect, see **Appendix E: Troubleshooting**.

Using Your Squeezebox Boom

Now Playing

Squeezebox Boom always maintains the current playlist in its memory. This playlist is called Now Playing and you can modify it by adding tracks from your music collection, tracks and playlists from music services, or even from playlists you've saved. Learning how to effectively manage the Now Playing list is a key step to enjoying your Squeezebox Boom.

Viewing Now Playing Using the Remote Control

Press HOME to go to the Home Screen, if you're not already there. Then, press HOME again.

Viewing Now Playing Using the Front Panel

Press BACK until you are at the Home Screen. Then, use the navigation wheel to scroll to Now Playing, the first option on the Home Screen. Then click the wheel or press PLAY to advance to the Now Playing screen.

Adding Tracks, Albums, Playlists, and Other Items

Press ADD on the remote control or front panel. The currently selected item will be added to the end of Now Playing. If you press and hold ADD, the selected item will be inserted into Now Playing so that it plays next.

Saving as a Playlist

Squeezebox Boom can save your Now Playing list to your computer's hard drive for later use. This feature can be particularly useful for entertaining – one of the great things about Squeezebox Boom is that everybody wants to play with it! Saving your playlist before the party starts allows you to restore your playlist if one of your guests clears it or adds music you don't like.

First, make sure your Squeezebox Boom is connected to SqueezeCenter. Then, from the Home Screen, select **Extras > Save Playlist**. You can use the arrow keys on the remote or the navigation wheel on the front panel to give your playlist a unique name.

The number of playlists you can save is limited only by the hard drive space on your computer.

Clearing the Now Playing List

Selecting a track, album, genre, or playlist from your music collection or from an online music service and pressing PLAY will clear the Now Playing list and replace it with the selected item.

> *TIP: if you're entertaining and you hand the remote control to a guest and invite them to select a song, it's important to show them how to use the* ADD *button to add their song to Now Playing. If they hit* PLAY *instead of* ADD*, it will replace your list with their song. If you have repeat mode enabled, it will continue to play that song until all of your guests leave in dismay. That's also why it's important to save your Now Playing list as a playlist on your computer before your guests arrive, so if your lovingly crafted music set is accidentally erased by a guest, you can restore it easily by selecting Music Library > Playlists from the Home Screen.*

How to Mute Your Music

Since Boom is like a CD player, there's no need for a Mute button. For most music sources, you can hit PAUSE and enjoy the ability to come back to your music at exactly the same point later.

Music from your library, as well as music from interactive online services, can generally be paused for as long as you like. If you are listening to a streaming radio station, pressing PAUSE will pause the music until Squeezebox Boom's memory buffer is full. The memory buffer can store several minutes of music, with the exact length dependent on the radio station's sampling rate.

To fully stop playing an item, press and hold PAUSE for a few seconds.

Preset Buttons and Favorites

Favorites and Presets: What's the Difference?

We've covered favorites briefly earlier in this guide. You can add the currently selected song, album, radio station or playlist to your list of favorites by pressing PAUSE on the remote control or pressing the navigation wheel, and then selecting **Add to favorites** from the next screen. There are a few

instances of items that can not be added to your favorites – for example, if you are listening to an Internet radio station, you can add the station to your favorites, but not the track the station is currently playing. Some subscription services have restrictions on which types of items can be added to your favorites. If in doubt, press the navigation wheel and see if the next menu offers an option to add to your favorites.

Squeezebox Boom has six Preset buttons below the display. You can think of these as a miniature list of six favorites that you can recall instantly at any time. Adding an item to a Preset will also add it to your Favorites, if it's not already in there.

Setting and Using the Preset Buttons

If you've used a car radio, then you're already familiar with how the Preset buttons work. Just press and hold one of the six Preset buttons to assign the currently selected item. To recall that item, tap the Preset button. As with Favorites, a Preset can be a track, an album, a radio station, or a playlist.

Managing your Favorites Using SqueezeNetwork or SqueezeCenter

If you would like to add or remove a lot of favorites at once, you may find it easier to do so from your computer. Go to *www.squeezenetwork.com*, sign in to your account, and then select Favorites.

If you're running SqueezeCenter on a local computer, you may use it to manage your favorites. Highlight the Favorites menu item and select the edit (pencil) icon.

> *TIP: if your Squeezebox Boom is connected to SqueezeNetwork, adding a Preset or Favorite stores the item in your SqueezeNetwork account. If your Boom is connected to SqueezeCenter, adding a Preset or Favorite saves the item in SqueezeCenter. SqueezeNetwork and SqueezeCenter each maintain independent lists of Favorites and Presets.*

Adding a Favorite Radio Station That's Not in One of the Guides

The radio station guides offered via SqueezeNetwork and the Squeezebox Boom menu (RadioIO, RadioTime, Live365, and ShoutCast) make it easy to

browse thousands of radio stations and add them to your favorites or presets. If your favorite online station isn't available via one of these guides, it's easy to use SqueezeCenter or SqueezeNetwork to add it if you know the URL for the stream.

With SqueezeNetwork

To add a radio station to your list of favorites on SqueezeNetwork, go to *www.squeezenetwork.com*, click **Favorites**, select a name for the stream and enter the URL.

To add a radio station to your list of favorites on SqueezeCenter:

1. Launch the SqueezeCenter web interface.
2. Select the **Internet Radio** menu, and then select **Tune In URL**.
3. Enter the URL and click +.

Squeezebox Boom's Alarm

Squeezebox Boom has a sophisticated alarm system. You can set multiple alarms per day, and set alarms at different times on any day of the week. You can choose to be woken by an item in your favorites, or by Squeezebox Boom's built-in collection of music and sound effects.

A built-in backup keeps your alarm settings for up to two weeks if your Boom is unplugged.

If you've selected an online source for your alarm (such as your favorite Internet radio station) and your Boom loses its connection to the Internet for any reason, your Boom will still help ensure that you wake up on time. If your computer is turned on and your Boom is connected to SqueezeCenter, it will play random tracks from your music collection. If SqueezeCenter is not available, Boom will substitute a pleasing (but effective) alarm tone.

How To Set the Alarm

Select **Alarm Clock** from the Home Screen. If you've already set up an alarm, The first menu item is **All Alarms On/Off** – a useful option if you're going on vacation. Scroll to **Add Alarm** and click the navigation wheel. On the next menu you can select the days you would like the alarm to sound (every day of the week, or any combination of days), and the item to play.

The Snooze Bar

Like any good alarm clock, Squeezebox Boom has a snooze bar. While the alarm is sounding, tapping the large bar on the top panel will delay the alarm. The SLEEP button on the remote control (located between the HOME and POWER buttons) also functions as a snooze button while the alarm is sounding.

The default snooze length is nine minutes. If you have installed SqueezeCenter, you may change the snooze length:

1. Launch the SqueezeCenter web interface
2. Select **Settings**
3. Click on the **Player** tab
4. From the left pull-down list, select the player you want to configure (this step is not necessary if you have only one Squeezebox player)
5. From the right pull-down list, select **Alarm Clock**.
6. Scroll to the bottom of the page and adjust the slider labeled **Snooze Length (in minutes)**.

Sleep Mode

As covered earlier, when the alarm is sounding, the large bar on Squeezebox Boom's top panel functions as a snooze bar. The rest of the time, it controls sleep mode, allowing you to set a timer for your Squeezebox Boom to automatically turn itself off. The SLEEP button on the remote control also serves the same function.

- Press and hold the bar once (or tap the SLEEP button on the remote) to turn off Squeezebox Boom at the end of the song.
- Press and hold it again (or tap the SLEEP button on the remote again) to turn off Squeezebox Boom after 15 minutes.
- Continue holding the bar on the top panel (or tapping the SLEEP button on the remote) to set the sleep time to 30 minutes, 45 minutes, 60 minutes, 90 minutes and, finally, to cancel sleep mode.

Display Brightness

Squeezebox Boom has a built-in light sensor that allows it to adjust the brightness of the display to match lighting conditions. However, you may override this by selecting **Settings** > **Display** > **Brightness** from the Home Screen.

From the **Brightness** menu, you can select your desired brightness when Boom is playing a track, stopped, or off. For each item you can choose automatic brightness adjustment, or manually select the brightness.

Selecting and Changing Music Sources

Squeezebox Boom must be connected to a music source to operate. There are two types of music sources:

- SqueezeNetwork (a free online service operated by Logitech)
- A computer or NAS (network attached storage) drive running SqueezeCenter

Your music source (SqueezeNetwork or SqueezeCenter) is your gateway to a wide selection of content, including music services like Pandora and Last.fm, as well as Internet radio stations, Podcasts, and more.

Which Music Source to Choose?

If you'll be listening to Internet radio stations or online music services, you can reach them through either SqueezeNetwork or SqueezeCenter.

If you opt to install and run SqueezeCenter on a computer on your network, you have a few more options:

- You can listen to your personal music collection stored on your computer.
- You can save playlists to your computer.

If you have a collection of music on a local computer that you haven't stored in an MP3tunes music locker, and you'd like the ability to instantly bounce between listening to your personal music library and external sources like Internet radio stations, then you will want to take the time to install SqueezeCenter on any computers on your network that contain music that you'd like to hear. One limitation of connecting to SqueezeCenter is that the computer running SqueezeCenter must be turned on.

If you'll only be listening to Internet radio and online services, or if you've uploaded your personal music collection to an MP3tunes music locker, then you can connect to SqueezeNetwork. The advantage of using SqueezeNetwork as your music source is that you don't have to make sure your computer is on each time you use your Squeezebox Boom.

You'll probably find that you don't need to change music sources very often. There are a couple of scenarios where you might:

- If you normally connect to SqueezeCenter running on a computer, but the computer is turned off or otherwise unavailable. In this case, you'll need to switch to SqueezeNetwork in order to use your Squeezebox Boom.
- If you have multiple computers or NAS drives on your network, each with its own unique music collection, you may want to hop from computer to computer depending on what you want to hear.

To select a music source, choose **Settings > Music Source** from the Home Screen. You'll see a menu that includes SqueezeNetwork (if you're not already connected to SqueezeNetwork) and all the computers on your local network that are running SquezeCenter. Each will be identified by the computer's name (for example, **John-Smith's-Computer**).

If you've downloaded and installed SqueezeCenter but you can not find your computer on this menu, see **Appendix E: Troubleshooting**.

As mentioned earlier in this guide, downloading and installing SqueezeCenter is optional. If you listen to music exclusively from online sources, or if you've uploaded your personal music collection to an MP3tunes music locker, then you do not need to run SqueezeCenter on your computer.

Repeat and Shuffle

Squeezebox Boom offers configurable Repeat and Shuffle modes, available in the **Settings** menu. You can choose to repeat the Now Playing list or play it only once, and you can choose to shuffle by song or by album.

Podcasts and RSS News Feeds

Squeezebox Boom's capabilities don't stop at music – you can also use it to listen to your favorite podcasts, and display items from your favorite RSS news feeds.

If you know a podcast or RSS feed's URL, you can add it to your favorites using SqueezeNetwork. Sign in to SqueezeNetwork at *www.squeezenetwork.com*, select Favorites, then select the News Feeds or Podcasts option.

You can access your favorite podcasts and RSS news feeds via the Extras menu on your Squeezebox Boom.

Last.fm Audioscrobbler

If you use Last.fm (available on the web at *last.fm*), you might already be familiar with Last.fm's "audioscrobbler," which keeps track of what you play on your computer and updates your Last.fm account. You can configure your Squeezebox Boom to scrobble, as well:

1. Create a free Last.fm account (if you don't already have one) by visiting *www.last.fm*.
2. Sign in to SqueezeNetwork (*www.squeezenetwork.com*), click **Accounts**, and then select the Last.fm tab.
3. Enter your Last.fm username and password.
4. Enable scrobbling for your Squeezebox Boom.

Once you have set up your SqueezeNetwork account for Last.fm scrobbling, you can change your scrobbling settings via your Squeezebox Boom by selecting **Settings** > **Last.fm Audioscrobbling** from the Home Screen.

Connecting MP3 Players and Other Line-Level Devices

Squeezebox Boom's rear panel contains a 3.5mm stereo input jack for connecting MP3 players, CD players, or just about any device with line level or headphone output. To select the line input when connected to SqueezeCenter or SqueezeNetwork, just connect your device using the included 3.5mm stereo cable, hit PLAY on your device, and adjust the volume

accordingly. If your Squeezebox Boom is not connected to SqueezeCenter or SqueezeNetwork:

1. Connect your device using the included 3.5mm stereo cable
2. Select **Line In** from the Home Screen

Learn More About SqueezeNetwork and SqueezeCenter

As covered earlier, your Squeezebox Boom must be connected to a music source (SqueezeNetwork or SqueezeCenter) to operate. These sources are more than just gateways to a wide variety of music -- they also offer lots of additional options and extras for customizing your experience. Each service has online, interactive help that will guide you through using the available features.

Tips, Tricks and Advanced Techniques

StereoXL™

Squeezebox Boom uses Logitech's StereoXL technology to dramatically widen the stereo image, creating an immersive audio experience.

To enable StereoXL, select Settings > Audio > StereoXL from the Home Screen. Then, use the navigation wheel (or the UP and DOWN buttons on the remote) to turn StereoXL on or off, or adjust its intensity.

Controlling Pandora

If you've used Pandora's web interface (*pandora.com*), you're already familiar with the system of telling Pandora what you think of a track. When listening to Pandora with your Squeezebox Boom, you can still tell Pandora if you like or don't like a song, as well as use the rest of Pandora's customization options.

When listening to a Pandora station, click the navigation wheel (or press RIGHT on the remote) to access the song menu. From there, you can select **I like this song**, **I don't like this song**, **find out why Pandora played that particular song**, and more.

Mounting your Boom

If you would like to attach your Squeezebox Boom to a wall or under a kitchen cabinet, Logitech has a mounting kit available. For information on ordering, go to *www.logitech.com/squeezebox*.

Listening to Your Music Collection Without a Computer

You do not need to keep your computer on to listen to Internet radio stations and online music services. Just connect your Squeezebox Boom to SqueezeNetwork, the free, online service operated by Logitech.

Listening to your music collection stored on your computer is typically accomplished by running SqueezeCenter on your computer and connecting your Squeezebox Boom to SqueezeCenter. If you'd like to enjoy your personal

music collection without turning on your computer, you have a couple of options.

Add a NAS Drive to Your Network

Any NAS (Network Attached Storage) device which is compatible with SqueezeCenter can be added to your network as a music server. A list of compatible NAS drives can be found at *www.logitech.com*, under **Support | Troubleshooting.** Select Wireless Music Systems from the list of product categories.

Create an MP3tunes Music Locker

MP3tunes (*mp3tunes.com*) allows you to create a private, secure “storage locker” for your music collection. You can upload tracks to your locker, and then access them from any computer or Squeezebox connected to the Internet. Password protection ensures that your music collection isn’t accessed by anyone but you.

MP3tunes is an optional service, and subscription fees apply.

Appendix A: Configuring Your Firewall

Firewalls on your computer can often cause connection problems for network devices like Squeezebox Boom. While it is not necessary to disable your firewall in order to allow Squeezebox to communicate with your computer, temporarily disabling it can be a quick way of diagnosing the problem. If turning off your computer's firewall allows Squeezebox Boom to connect to SqueezeCenter, you should turn it back on and configure it to allow communication on the following ports:

- Port 3483 (UDP)
- Port 3483 (TCP)
- Port 9000 (TCP)

Detailed instructions for configuring various firewalls can be found at *www.logitech.com*, under **Support | Troubleshooting.** Select Wireless Music Systems from the list of product categories.

Note: It is not necessary, or even desirable, to change the firewall settings on your router to use Squeezebox Boom. Consult a network professional if you are unsure of how to configure your network properly.

Appendix B: Supported File Formats

Squeezebox Boom and SqueezeCenter support a variety of music file formats. Some formats are supported in Squeezebox Boom's hardware, meaning that the player itself does the format decoding. Other formats that can not be played in hardware are converted into a playable format by SqueezeCenter.

Supported in hardware:	Supported with transcoding:
MP3 (CBR and VBR) FLAC WAV AIFF WMA (CBR and VBR) Ogg Vorbis	AAC (.M4A) Apple Lossless WMA Lossless APE MPC WavPack

Playlist Formats

Squeezebox Boom and SqueezeCenter recognize playlists saved by a variety of music applications, including iTunes and Windows Media Player. Supported playlist formats include PLS files, M3U files (WinAMP) and WPL files (Windows Playlist).

Appendix C: Using Apple iTunes

Apple's iTunes is a music manager that helps you organize your collection, rip your CDs, create and manage playlists, etc. It also connects to the iTunes Store, where Apple offers music, videos and podcasts for purchase.

SqueezeCenter can use the iTunes music library. It can not play songs purchased from the iTunes Store that are protected by Apple's FairPlay Digital Rights Management (DRM) software. This is Apple's decision, as they will not license their DRM to other hardware manufacturers.

To set up SqueezeCenter to use your iTunes library, follow these steps:

1. Open SqueezeCenter and click on the Settings button.
2. Select the **iTunes** tab and make sure that the "Use iTunes" box is selected. If not, set it and click "Apply."
3. Select the **Basic Settings** tab.
   - Make sure **Music Folder** box is blank and click "Apply."
   - Scroll to **Rescan Music Library**, select "Clear library and rescan everything", then click "Rescan" to start the scanning process.

If you experience problems where your music or playlists aren't appearing, and you followed the steps above, try the following:

1. In SqueezeCenter, go to **Settings > iTunes**.
2. Under **iTunes Music Library.XML Location** enter the path to the file.
   - On Windows XP, the default path is:

   C:\Documents and Settings***username***\My Documents\My Music\iTunes\

   - On Windows Vista, the default path is

   C:\Users***username***\Music\iTunes\iTunes Music Library.xml

   - On Mac OS X, the default path is:

   /Users/***username***/Music/iTunes
3. Under **iTunes Music Folder** specify the folder where your music is stored.
4. Go to the **Basic Settings** tab. Scroll down to **Rescan Music Library**, select **"Clear library and rescan everything"** , then click **"Rescan"**.

If you're still experiencing problems using iTunes after trying the steps listed above, please contact Logitech Technical Support for assistance.

Appendix D: Getting Help

Online Help

Squeezebox website:	*slimdevices.com*
Online FAQ:	*faq.slimdevices.com*
Customer Forums:	*forums.slimdevices.com*
Squeezebox Wiki:	*wiki.slimdevices.com*

Contact Us

Support E-mail:	support@slimdevices.com
Support Phone:	+1 (877) 887-8889 (Toll-free in North America)
	+1 (646) 454-3237 (For all other countries)
	Support hours are Monday – Friday, 9:00 AM – 7:00 PM Pacific.

Developer Resources

Our SqueezeCenter software is open source. If you want to learn more about it, or become a developer within the Squeezebox community, please visit www.slimdevices.com and click on the Community tab. There you'll find our active forum, including a Developers Area, as well as tools and other valuable development information in our community-maintained Wiki.

If You Need to Return Your Squeezebox Boom...

If for any reason you feel you need to return a product, either for refund or repairs, you must contact Logitech Technical Support first and obtain an RMA number. Please see the contact information above. Packages sent to our office without an RMA number will be returned.

Appendix E: Troubleshooting

When setting up networking, my network does not appear.

Squeezebox Boom finds all wireless networks in range and displays them by their network name (also known as their SSID).

The first step is to make sure that your network is operating correctly and that you're within range and free from potential sources of interference. If you suspect that other networks are preventing devices from reliably connecting to your network, you can try changing the channel upon which your wireless router operates. For assistance with this and other router configuration options, see your router's documentation or contact your router's vendor for support.

If your network's name still does not appear, your wireless router might be configured to not broadcast its SSID. If this is intentional (e.g., for security purposes), you can enter your network's SSID manually. Scroll to the bottom of the list of available networks and select **Enter another network...** .

> *NOTE: SSIDs are case-sensitive. If you've named your network MyNetwork, entering "mynetwork" or another variation into your Squeezebox Boom will not work.*

If your network name appears, but the Squeezebox Boom can not connect

This can have a number of causes. Here are some things to try:

- Confirm that your wireless network is operating properly by trying to connect with your network using another device, like a computer. If no devices can connect, check your cable connections and verify that your wireless router (and modem, if applicable) are responsive. Cycling the power for the router and modem is often helpful. For detailed troubleshooting, see your wireless router's documentation, or contact your router's vendor for assistance.

- Confirm that you've entered your network's security key correctly and that you've selected the correct network security type.

NOTE: Squeezebox Boom follows the 802.11 standard and uses hexadecimal keys for WEP encryption. 64-bit and 128-bit WEP keys are 10 characters and 26 characters, respectively. If the key you've entered into Squeezebox Boom is only five or 13 characters long, then you have an ASCII encryption key, which must be converted to hexadecimal. There are several web sites that offer free tools for converting ASCII WEP keys to hexadecimal.

- If your wireless router uses a common network name (SSID) like NETGEAR or LINKSYS, there may be more than one wireless network in range that has the same name as yours. Your Squeezebox Boom might be attempting to connect to the wrong network. Consider changing your network's SSID to something that's uniquely identifiable.
- Check whether your wireless router is using MAC filtering. MAC filtering provides an extra level of security by ensuring that no unknown computers or other devices can connect to your wireless network without prior authorization. If you can not turn off MAC filtering, you (or your local network expert) can add Squeezebox Boom's MAC address to the router's table of allowed devices. You can find your Squeezebox Boom's MAC address printed on a label on the bottom of the unit.

If Squeezebox Boom can not locate your computer or connect to SqueezeCenter

During normal operation, if SqueezeCenter is running on a computer that's connected to your wireless network, your computer's name will be displayed when you select **Settings** > **Information** > **SqueezeCenter information** from Squeezebox Boom's Home Screen. If this does not happen, it might be because of the following:

1. SqueezeCenter isn't running.
    - If you have not yet downloaded and installed SqueezeCenter,

visit *www.slimdevices.com* to begin.

- To check SqueezeCenter's status on Windows, hover your mouse pointer over the SqueezeCenter icon at the bottom right of the display, near the clock. If SqueezeCenter Running doesn't float, right-click the icon and select Start SqueezeCenter.
- To check SqueezeCenter's status on Mac OS X, launch **System Preferences**, and then click on **SqueezeCenter**. If SqueezeCenter is running, you'll see a button labeled **Stop Server**. If the button displays **Start Server**, click it to launch.

2. A firewall may be preventing Squeezebox Boom from communicating with your computer. See **Appendix A, Configuring Your Firewall**.
3. Your computer and Squeezebox Boom may not be on the same network segment.

Both must be on the same network segment in order for SqueezeCenter to be recognized by your Squeezebox Boom. If you are using a large wireless network with multiple wireless routers or access points, there is a chance that your computer and your Squeezebox Boom are connecting to different segments. You can confirm this by verifying the IP addresses assigned to the computer and Squeezebox Boom.

To check the IP address of the computer running SqueezeCenter, open SqueezeCenter's web interface, click Settings, and then the Status tab. The IP address will be listed under the SqueezeCenter Information section.

To check the IP address of the Squeezebox Boom, go to **Settings > Information > Player Information** from Squeezebox Boom's Home Screen. Scroll through the Player Information screen until you see the IP address.

An IP address is four sets of numbers. Two IP addresses are on the same segment if the first three sets of numbers match. For example, these addresses are on the same segment:

192.168.1.110 and 192.168.1.114

But these two are not; notice that the third set of numbers do not match:

192.168.1.110 and 192.168.16.103

If Squeezebox Boom and your computer are not on the same network segment, you will need to configure your wireless network so that both are on the same segment and connect to the same DHCP server for their IP

addresses. You may need to consult the party that installed or maintains your network for assistance.

How do I use a static IP with Squeezebox Boom?

If you have set up your network to use static IP addresses, your Squeezebox Boom will display the message Address Problem – There was a problem obtaining a DHCP address on your network. Scroll down to Use a static address and press the navigation wheel. On the following screens you can enter the IP address, subnet mask, gateway address, and DNS server address information for your network.

My music sounds choppy, distorted, or skips.

There may be excessive interference in your wireless connection, or the wireless signal may otherwise be too weak. Try moving your Squeezebox Boom closer to the wireless router, or removing sources of potential interference. Microwave ovens and cordless phones are common culprits.

You can also try connecting your Squeezebox Boom directly to the router using an ethernet cable; if this resolves the problem, then it's most likely due to wireless network signal strength or interference.

If Squeezebox Boom fails to get an IP address

The most common way of setting up a wireless network is to have the wireless router issue IP addresses on demand using a DHCP service. If your Squeezebox Boom displays a message stating that it can not get an IP address, try these steps:

- Check your wireless router's configuration to confirm that it's assigning IP addresses via DHCP. If your wireless router does not use DHCP for security purposes, you can assign your Squeezebox Boom a static address. For assistance with this advanced network setup, contact your wireless router's vendor or the party who installed your wireless network.
- If your network uses WEP encryption, make sure you've correctly entered the network security key into Squeezebox Boom. In some cases, an incorrect WEP security key can appear as a DHCP failure.
- Cycle your wireless router's power.

No music will play.

Make sure your music is not DRM protected. SqueezeCenter and Squeezebox can not play DRM protected music. If your music was purchased from the iTunes Store, it may contain DRM. Only “iTunes Plus” tracks do not contain DRM. Other online music stores may apply DRM to downloaded tracks. If you’re not sure, contact the music store for clarification.

Make sure you have any firewalls on your system correctly configured to allow communication between your server and player. Please see **Appendix A: Configuring Your Firewall**.

Check the file format and be sure it’s one of the supported types. See **Appendix B: Supported File Formats** for more information.

The FORWARD and REWIND buttons do not work with some songs in my music library.

Seeking through a song (holding FWD or REW) only works with certain formats:

- MP3, Ogg, FLAC, WAV and AIFF files stored in your SqueezeCenter music library
- MP3 and WMA files from online services (if the service supports scanning through songs)

SqueezeCenter can’t find all of my music.

Make sure that all of your digital music files are in one place on your computer. You can store all of your files in a single folder, or create subfolders to help organize your music. The software you use to “rip” your CDs to digital files, such as iTunes or Windows Media Player, may already do this.

SqueezeCenter, the software that runs on your computer and delivers your personal digital music collection to your Squeezebox Boom, will scan one folder (and all sub-folders) for your music. If you have music stored in multiple folders, or on different computers, you will have to create shortcuts in the primary music folder so SqueezeCenter can find the other music.

To manually rescan your music collection using SqueezeCenter, click **Settings**, then the **Basic Settings** tab and then click **Rescan**. To set up

SqueezeCenter to automatically rescan your music library periodically, click the Advanced tab and then select “Rescan Music Library” from the pull-down menu on the left.

To rescan your music library using Squeezebox Boom, make sure your Boom is connected to SqueezeCenter, then select **Settings** > **Rescan Music Library**. From the following menu you can start a rescan, as well as set up automatic rescanning.

Some of my track names are missing or incorrect.

If you know that your songs all have valid tags or that your album art images are fine, you may want to have SqueezeCenter rescan your music collection by doing the following:

1. Open SqueezeCenter and go to Settings > Basic Settings.
2. Verify that the Music Folder points to the music folder on your computer. If it’s not, enter the correct path and click “Apply.”
3. Scroll down to Rescan Music Library and select “Clear library and rescan everything” in the drop-down box, then click the “Rescan” button. SqueezeCenter will scan your music and rebuild the database it uses to display the information about your collection, including album art.

If you are still experiencing problems, you should delete the cached files SqueezeCenter uses to improve performance and then perform a rescan. To delete the cache, do the following:

1. Stop SqueezeCenter
   - On Windows, right-click on the SqueezeCenter icon and click “Stop SqueezeCenter”
   - On Mac OS X, open System Preferences > SqueezeCenter and click on “Stop Server”
2. Remove the Cache folder used by SqueezeCenter
   - On Windows XP, the default location for the cache folder is: C:\Documents and Settings\All Users\Application Data\SqueezeCenter\Cache
   - On Windows Vista, the default location for the cache folder is: C:\ProgramData\SqueezeCenter\Cache

- On Mac OS X, the default location for the cache folder is: Home > Library > Application Support > SqueezeCenter

3. Restart SqueezeCenter. The scanning process will begin as soon as the server starts.

I have installed SqueezeCenter to allow playing of music that's kept on my computer. However, some or all of my iTunes music library does not play.

Apple does not allow streaming of music to which DRM has been applied. Most music purchased from the iTunes Store (with the exception of tracks designated as "iTunes Plus") have DRM applied, and can not be played by Squeezebox Boom or similar devices. CDs which you have ripped, or music purchased in MP3 format from non-DRM music services (such as emusic, Rhapsody and Amazon MP3) are compatible.

I can not sign in to my new SqueezeNetwork account.

In order to complete your SqueezeNetwork registration you need to activate it through the link sent to you via e-mail. Check your inbox for the activation e-mail. Also check your Junk Mail or Spam folder, as your mail service may have blocked or redirected the e-mail thinking it was invalid. If you have still not received it, try logging into SqueezeNetwork and clicking "Resend Activation Email". If that does not work, please contact Logitech Technical Support.

When I attach headphones to Squeezebox Boom, audio comes from only one channel.

Squeezebox Boom's headphone output also doubles as a subwoofer output. The subwoofer output is monaural, so if you're getting only one channel from your headphones, your Squeezebox Boom is probably configured for a subwoofer.

To check, select Settings > Audio > Line Out from the Home Screen.

Appendix F: Using Boom As Part Of A Whole-Home System

Squeezebox Boom is just one member of a growing family of Squeezebox network music players and network music systems. Our products can be divided into three categories:

All-in-one players feature built-in amplifiers and speakers, so you can place them anywhere within range of your network without having to worry about connecting them to an audio system. Squeezebox Boom is our first all-in-one network music player.

Players, like the Squeezebox Receiver, Squeezebox Classic, and Squeezebox Transporter, require an audio system or powered speakers. They're good choices for adding network music to a home stereo system.

Controllers operate any player on your network. Our first model, Squeezebox Controller, features a color screen that's great for displaying album art. Squeezebox Controller connects wirelessly to your network, rather than using infrared, so you can control your Squeezebox Boom from anywhere in your house.

Squeezebox Controller: The Heart of Your Whole-Home Network Music System

The Squeezebox Controller lets you take command of your network music. You can choose any Squeezebox player in your house with just a few clicks; the color screen will show you which player you're controlling and you can even set up your Controller to display a custom color theme for each player.

You can create a different mood in each room by controlling each player independently; or, if you'd like your music to follow you around the house, you can synchronize multiple players.

There are no restrictions on the combination of Squeezebox players you can add to your whole-home system. You can have two or more players of the same model (for example, a Squezebox Boom in each of your

bedrooms), or select different models according to your exact needs – for instance, a Squeezebox Transporter connected to your high-end AV system, a Squeezebox Receiver connected to a set of powered speakers in the office, and Squeezebox Boom players in the kitchen and bedroom, all under your command with a Squeezebox Controller.

If you love the musical experience your Squeezebox Boom brings you and you're ready to expand into a whole-home music system, visit *www.slimdevices.com* to see the entire line of Squeezebox products.

Logitech® Hardware Product Limited Warranty

Logitech® warrants that your Logitech hardware product shall be free from defects in material and workmanship for two (2) years, beginning from the date of purchase. Except where prohibited by applicable law, this warranty is nontransferable and is limited to the original purchaser. This warranty gives you specific legal rights, and you may also have other rights that vary under local laws.

Remedies
Logitech's entire liability and your exclusive remedy for any breach of warranty shall be, at Logitech's option, (1) to repair or replace the hardware, or (2) to refund the price paid, provided that the hardware is returned to the point of purchase, or such other place as Logitech may direct, with a copy of the sales receipt or dated itemized receipt. Shipping and handling charges may apply except where prohibited by applicable law. Logitech may, at its option, use new or refurbished or used parts in good working condition to repair or replace any hardware product. Any replacement hardware product will be warranted for the remainder of the original warranty period, or thirty (30) days, whichever is longer or for any additional period of time that may be applicable in your jurisdiction.

Limits of Warranty
This warranty does not cover problems or damage resulting from (1) accident, abuse, misapplication, or any unauthorized repair, modification or disassembly; (2) improper operation or maintenance, usage not in accordance with product instructions or connection to improper voltage supply; or (3) use of consumables, such as replacement batteries, not supplied by Logitech except where such restriction is prohibited by applicable law.

How to Obtain Warranty Support
Before submitting a warranty claim, we recommend you visit the support section at www.logitech.com for technical assistance. Valid warranty claims are generally processed through the point of purchase during the first thirty (30) days after purchase; however, this period of time may vary depending on where you purchased your product. Please check with Logitech or the retailer where you purchased your product for details. Warranty claims that cannot be processed through the point of purchase and any other product related questions should be addressed directly to Logitech. The addresses and customer service contact information for Logitech can be found in the documentation accompanying your product and on the web at www.logitech.com/contactus.

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No Other Warranties
No Logitech dealer, agent, or employee is authorized to make any modification, extension, or addition to this warranty.

Logitech® Address.
Logitech, Inc., 6505 Kaiser Drive, Fremont, California 94555, U.S.A.

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Safety Information

AC POWERED PRODUCTS: IMPORTANT SAFETY INFORMATION
CAUTION ELECTRIC SHOCK HAZARD

- Do not use this apparatus near water.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not push objects into apparatus vents or slots because fire or electric shock hazards could result.
- Maintain a minimum distance of at least 6 inches around apparatus for sufficient ventilation.
- Ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table clothes, curtains, etc.
- No naked (open) flame sources, such as lighted candles, should be placed on or near the apparatus.
- Place apparatus in a stable location so it will not fall causing product damage or bodily harm.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized plug. A polarized plug has two blades with one wider than the other. The wide blade is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- The apparatus shall be disconnected from the mains by unplugging the power cord of the apparatus from the AC mains receptacle.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

UL Safety: Your product has been UL tested. It should only be used with other UL listed devices.

Battery warning

Caution: risk of explosion and personal injury if batteries are replaced by incorrect type. Do not open, mutilate, or expose to conducting materials (metal), moisture, liquid, fire, or heat (above 54° C or 130° F). Doing so may cause batteries to leak or explode, resulting in personal injury. Dispose of spent, leaking, or damaged batteries according to manufacturer instructions and local laws. Do not use or charge batteries (lithium-ion rechargeables) if leaking, discolored, or deformed. Do not mix battery types. Do not charge alkaline batteries. Do not leave rechargeable batteries discharged or unused for extended periods. Battery life varies with usage. When replacing, remove all spent batteries, and do not mix old batteries with new. When device is not in use for extended periods, remove batteries to avoid leakage and store away from children in a cool, dry place at room temperature.

AC adaptor warning

Caution electric shock hazard! Warning: to reduce risk of electric shock, do not expose AC adapter to rain, moisture, liquid, or heat sources (e.g., radiators, heat registers, stoves, amplifiers, etc.) For indoor use only. Do not use any other AC adapter with product. Do not use a damaged AC adapter or attempt to repair one. Inspect AC adapter regularly for cable, plug, or casing damage.

FCC

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Radio Frequency Interference Requirements- Canada

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numerique de la classe B est conforme a la NMB-003 du Canada.

Radio Transmitters
This device complies with RSS 210 of Industry & Science Canada. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Label Marking: The Term "IC:" before the radio certification only signifies that Industry Canada technical specifications were met.

Logitech compliance

For additional compliance information, go to http://www.logitech.com/compliance.

[EN] Use of this product is authorized in the following countries:
[FR] L'utilisation de ce produit est autorisée dans les pays suivants:
[DE] Verbrauch dieses Produktes wird in den folgenden Ländern autorisiert:
AT, CY, BE, BGR*, DK, UK, FI, FR**, DE, GR, HU, IE, LU, NL, PT, ES, SE, IS, LI, NO, CH, CZ, PL, RO, SK, SI, EE, LV, LT, MT
[EN] * General license require for outdoor use; ** For indoor use only
[FR] * Permis général requis pour l'usage extérieur; ** Pour l'usage d'intérieur seulement
[DE] * Allgemeine Lizenz erfordert für im Freiengebrauch; ** Für nur Innengebrauch

Operating and storage conditions

Operating Conditions: 0.0 ~ +40.0(degree C), 10~90% (Non-condensing)
Non-Operating Conditions: -40.0 ~ +70.0 (degree C), 10~95%(Excluding rain)
accompanying your product and on the web at www.logitech.com/contactus

logitech.com

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